

Day : Monday
Date: 6/12/2006

Time: 16:25:55

 **PALM INTRANET**

Inventor Information for 10/525740

| Inventor Name | City | State/Country |
|--------------------------|-------|---------------|
| <u>TSUJII, YASUHIITO</u> | FUKUI | JAPAN |
| <u>MARUYAMA, GAKU</u> | FUKUI | JAPAN |
| <u>OGAWA, KAORU</u> | OSAKA | JAPAN |
| <u>TAKADA, YOSHINORI</u> | FUKUI | JAPAN |
| <u>KOISHI, KAZUHISA</u> | FUKUI | JAPAN |
| <u>SUSUKI, KENTA</u> | FUKI | JAPAN |

[Appln Info](#)[Contents](#)[Petition Info](#)[Atty/Agent Info](#)[Continuity Data](#)[Foreign Data](#)Search Another: Application# or Patent# PCT / / or PG PUBS # Attorney Docket # Bar Code #

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Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Monday
Date: 6/12/2006

Time: 16:25:55

**PALM INTRANET**

Inventor Information for 10/525740

| Inventor Name | City | State/Country |
|--------------------------|-------|---------------|
| <u>TSUJII, YASUHIITO</u> | FUKUI | JAPAN |
| <u>MARUYAMA, GAKU</u> | FUKUI | JAPAN |
| <u>OGAWA, KAORU</u> | OSAKA | JAPAN |
| <u>TAKADA, YOSHINORI</u> | FUKUI | JAPAN |
| <u>KOISHI, KAZUHISA</u> | FUKUI | JAPAN |
| <u>SUSUKI, KENTA</u> | FUKI | JAPAN |

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Attorney Docket #
Bar Code #

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Day : Monday
Date: 6/12/2006

Time: 16:26:01

**PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = TSUJII

First Name = YASUHITO

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|--------------|---------------|--------|------------|--|------------------|
| 10525740 | Not Issued | 30 | 10/11/2005 | Method for continuous production of polyamide | TSUJII, YASUHITO |

Inventor Search Completed: No Records to Display.

| | | | |
|---------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|
| Search Another: Inventor | Last Name | First Name | <input type="button" value="Search"/> |
| | <input type="text" value="TSUJII"/> | <input type="text" value="YASUHITO"/> | |

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Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Monday
Date: 6/12/2006

Time: 16:26:11

**PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = MARUYAMA

First Name = GAKU

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|--------------------------|------------|--------|------------|--|----------------|
| 10517115 | Not Issued | 30 | 03/14/2005 | Polyester composition and polyester packaging material comprising the same | MARUYAMA, GAKU |
| 10525740 | Not Issued | 30 | 10/11/2005 | Method for continuous production of polyamide | MARUYAMA, GAKU |

Inventor Search Completed: No Records to Display.

Search Another: Inventor

| | | |
|---------------------------------------|-----------------------------------|---------------------------------------|
| Last Name | First Name | |
| <input type="text" value="MARUYAMA"/> | <input type="text" value="GAKU"/> | <input type="button" value="Search"/> |

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Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Monday
Date: 6/12/2006

Time: 16:26:19



PALM INTRANET

Inventor Name Search Result

Your Search was:

Last Name = OGAWA

First Name = KAORU

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|-----------------|----------------|--------|------------|--|---------------|
| <u>09175404</u> | <u>6187600</u> | 150 | 10/20/1998 | SILICON SUBSTRATE EVALUATION METHOD AND SEMICONDUCTOR DEVICE MANUFACTURING METHOD | OGAWA, KAORU |
| <u>10019832</u> | <u>6986990</u> | 150 | 03/28/2002 | POLLEN ALLERGY-RELATED GENE 513 | OGAWA, KAORU |
| <u>10380254</u> | Not Issued | 71 | 07/31/2003 | Method of testing for allergic diseases | OGAWA, KAORU |
| <u>10380255</u> | Not Issued | 41 | 08/06/2003 | Method of testing for allergic diseases | OGAWA, KAORU |
| <u>10398877</u> | Not Issued | 41 | 08/11/2003 | Method of examining for allergic disease | OGAWA, KAORU |
| <u>10398885</u> | Not Issued | 41 | 08/11/2003 | Method of examining allergic disease | OGAWA, KAORU |
| <u>10525740</u> | Not Issued | 30 | 10/11/2005 | Method for continuous production of polyamide | OGAWA, KAORU |
| <u>10535928</u> | Not Issued | 30 | 12/09/2005 | Methods of screening for compounds that inhibit the biosynthesis of gpi in malaria parasites | OGAWA, KAORU |
| <u>10727505</u> | Not Issued | 30 | 12/05/2003 | Display forming method of packaging case, decoration body, and packaging case using the same | OGAWA, KAORU |
| <u>10753182</u> | Not Issued | 20 | 01/07/2004 | Method, program, and system for editing contents of multimedia | OGAWA, KAORU |
| <u>11203395</u> | Not Issued | 41 | 08/12/2005 | Printing media feeding apparatus, printing apparatus provided with the feeding apparatus, printing media feeding speed control method and computer program | OGAWA, KAORU |
| <u>29189111</u> | <u>D516906</u> | 150 | 08/29/2003 | GOLF BALL PACKAGE SLEEVE | OGAWA, KAORU |

| | | | | | |
|-----------------|----------------|-----|------------|---------------------|--------------|
| <u>29222805</u> | Not Issued | 30 | 02/04/2005 | Golf ball container | OGAWA, KAORU |
| <u>29223520</u> | <u>D517313</u> | 150 | 02/16/2005 | CLIP MARKER | OGAWA, KAORU |

Inventor Search Completed: No Records to Display.

| | | | |
|---------------------------------|------------------------------------|------------------------------------|---------------|
| Search Another: Inventor | Last Name | First Name | Search |
| | <input type="text" value="OGAWA"/> | <input type="text" value="KAORU"/> | |

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Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Monday
Date: 6/12/2006


PALM INTRANET

Time: 16:26:36

Inventor Name Search Result

Your Search was:

Last Name = TAKADA

First Name = YOSHINORI

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|-----------------|----------------|--------|------------|---|-------------------|
| <u>06231610</u> | <u>4395320</u> | 250 | 02/05/1981 | METHOD AND APPARATUS FOR PRODUCING ELECTRODEPOSITED WIRES | TAKADA, YOSHINORI |
| <u>06360364</u> | <u>4474410</u> | 150 | 03/22/1982 | POWER-DRIVEN, WEDGE-OPERATED ROCK SPLITTER | TAKADA, YOSHINORI |
| <u>06521809</u> | Not Issued | 166 | 08/10/1983 | ARTIFICIAL LUNG SURFACTANT AND REMEDY FOR RESPIRATORY DISTRESS SYNDROME CONTAINING IT AS ACTIVE PRINCIPLE | TAKADA, YOSHINORI |
| <u>06890532</u> | Not Issued | 161 | 07/30/1986 | ALUMINUM COMPOSITE MATERIAL | TAKADA, YOSHINORI |
| <u>07056298</u> | <u>4973582</u> | 150 | 05/29/1987 | ARTIFICIAL LUNG SURFACTANT AND REMEDY FOR RESPIRATORY DISTRESS SYNDROME CONTAINING IT AS ACTIVE PRINCIPLE | TAKADA, YOSHINORI |
| <u>07360030</u> | <u>5076996</u> | 150 | 06/01/1989 | SYSTEM FOR MONITORING OPERATING CONDITION OF A CONTROL ROD DRIVE MECHANISM | TAKADA, YOSHINORI |
| <u>08392217</u> | <u>5498495</u> | 150 | 02/22/1995 | ALLOY FOR NEGATIVE ELECTRODE OF LITHIUM SECONDARY BATTERY AND LITHIUM SECONDARY BATTERY | TAKADA, YOSHINORI |
| <u>08481257</u> | <u>5614334</u> | 250 | 06/30/1995 | MATERIAL FOR LITHIUM BATTERY POSITIVE ELECTRODE AND PRODUCTION THEREOF | TAKADA, YOSHINORI |
| <u>08849192</u> | <u>5804335</u> | 250 | 05/27/1997 | LITHIUM SECONDARY BATTERY | TAKADA, YOSHINORI |
| <u>09037705</u> | <u>5989745</u> | 150 | 03/10/1998 | LITHIUM SECONDARY | TAKADA, |

| | | | | | |
|-----------------|----------------|-----|------------|---|-------------------|
| | | | | BATTERY | YOSHINORI |
| <u>09217055</u> | Not Issued | 161 | 12/21/1998 | KEY TELEPHONE SYSTEM CAPABLE OF DISPLAYING A PLURALITY OF OUTGOING TELEPHONE NUMBERS INCLUDED IN INCOMING CALLS | TAKADA, YOSHINORI |
| <u>09500132</u> | Not Issued | 61 | 02/08/2000 | Functional roll film and vacuum evaporation apparatus capable of producing the functional roll film | TAKADA, YOSHINORI |
| <u>09807872</u> | <u>6721263</u> | 150 | 07/09/2001 | DISK HOLDING MECHANISM AND DISK HOLDING MECHANISM CLAMPER | TAKADA, YOSHINORI |
| <u>10031019</u> | <u>6795970</u> | 150 | 01/14/2002 | DISK LOADING APPARATUS WITH FLOATABLE CLAMP MEANS | TAKADA, YOSHINORI |
| <u>10525740</u> | Not Issued | 30 | 10/11/2005 | Method for continuous production of polyamide | TAKADA, YOSHINORI |

Inventor Search Completed: No Records to Display.

| | | | |
|---------------------------------|-------------------------------------|--|---------------------------------------|
| Search Another: Inventor | Last Name | First Name | <input type="button" value="Search"/> |
| | <input type="text" value="TAKADA"/> | <input type="text" value="YOSHINORI"/> | |

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Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Monday
Date: 6/12/2006

Time: 16:26:49

**PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = KOISHI

First Name = KAZUHISA

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|--------------|---------------|--------|------------|--|------------------|
| 10525740 | Not Issued | 30 | 10/11/2005 | Method for continuous production of polyamide | KOISHI, KAZUHISA |

Inventor Search Completed: No Records to Display.

Search Another: Inventor

| | | |
|-------------------------------------|---------------------------------------|---------------------------------------|
| Last Name | First Name | |
| <input type="text" value="KOISHI"/> | <input type="text" value="KAZUHISA"/> | <input type="button" value="Search"/> |

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Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Monday
Date: 6/12/2006

Time: 16:26:55



Inventor Name Search Result

Your Search was:

Last Name = SUSUKI

First Name = KENTA

| Application# | Patent# | Status | Date Filed | Title | Inventor Name |
|-----------------|---------------|--------|------------|--|---------------|
| <u>10525740</u> | Not Issued | 30 | 10/11/2005 | Method for continuous production of polyamide | SUSUKI, KENTA |

Inventor Search Completed: No Records to Display.

| | | | |
|---------------------------------|-------------------------------------|------------------------------------|---------------------------------------|
| Search Another: Inventor | Last Name | First Name | <input type="button" value="Search"/> |
| | <input type="text" value="SUSUKI"/> | <input type="text" value="KENTA"/> | |

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DATE: Monday, June 12, 2006

| Hide? | <u>Set</u> <u>Name</u> | <u>Query</u> | <u>Hit</u> <u>Count</u> |
|--------------------------|---------------------------|---|----------------------------|
| | | <i>DB=PGPB,USPT,DWPI; PLUR=YES; OP=ADJ</i> | |
| <input type="checkbox"/> | L2 | L1 and melt viscosity | 1 |
| <input type="checkbox"/> | L1 | polyamide and continuous near3 produc\$4 and multistage adj3 (reactor or vessel or apparatus) | 17 |

END OF SEARCH HISTORY

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|-------------------------------|-----------------------|-------------------------------------|-----------------------|--------------------------|---------------------------|
| First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs |
| Generate OACS | | | | | |

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20060122360 A1

L2: Entry 1 of 1

File: PGPB

Jun 8, 2006

PGPUB-DOCUMENT-NUMBER: 20060122360

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060122360 A1

TITLE: Method for continuous production of polyamide

PUBLICATION-DATE: June 8, 2006

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-------------------|-------|-------|---------|
| Tsujii; Yasuhito | Fukui | | JP |
| Maruyama; Gaku | Fukui | | JP |
| Ogawa; Kaoru | Osaka | | JP |
| Takada; Yoshinori | Fukui | | JP |
| Koishi; Kazuhisa | Fukui | | JP |
| Susuki; Kenta | Fuki | | JP |

US-CL-CURRENT: 528/310

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw. D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|----------|

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|-----------------------|-------------------------------------|-----------------------|--------------------------|---------------------------|-------------------------------|
| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |
|-----------------------|-------------------------------------|-----------------------|--------------------------|---------------------------|-------------------------------|

| Term | Documents |
|---|-----------|
| MELT | 444421 |
| MELTS | 85944 |
| VISCOSITY | 512173 |
| VISCOSITIES | 57521 |
| VISCOSITYS | 3 |
| (1 AND (MELT ADJ VISCOSITY)) .PGPB,USPT,DWPI. | 1 |
| (L1 AND MELT VISCOSITY) .PGPB,USPT,DWPI. | 1 |

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Fwd Refs

Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 10 of 17 returned.

☐ 1. Document ID: US 20060122360 A1

L1: Entry 1 of 17

File: PGPB

Jun 8, 2006

PGPUB-DOCUMENT-NUMBER: 20060122360

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060122360 A1

TITLE: Method for continuous production of polyamide

PUBLICATION-DATE: June 8, 2006

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-------------------|-------|-------|---------|
| Tsujii; Yasuhito | Fukui | | JP |
| Maruyama; Gaku | Fukui | | JP |
| Ogawa; Kaoru | Osaka | | JP |
| Takada; Yoshinori | Fukui | | JP |
| Koishi; Kazuhisa | Fukui | | JP |
| Susuki; Kenta | Fuki | | JP |

US-CL-CURRENT: 528/310

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 2. Document ID: US 20050240058 A1

L1: Entry 2 of 17

File: PGPB

Oct 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050240058

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050240058 A1

TITLE: Process for preparing 4-aminodiphenylamine

PUBLICATION-DATE: October 27, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---------------|------------|-------|---------|
| Feng, Xiaogen | Cao County | | CN |
| Wang, Nongyue | Cao County | | CN |
| Mao, Xiaohui | Cao County | | CN |

| | | |
|----------------|------------|----|
| Yu, Ruibiao | Cao County | CN |
| Cheng, Qianwen | Cao County | CN |

US-CL-CURRENT: 564/416

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 3. Document ID: US 20050065376 A1

L1: Entry 3 of 17

File: PGPB

Mar 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050065376

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050065376 A1

TITLE: Process for preparing 4-aminodiphenylamine

PUBLICATION-DATE: March 24, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|----------------|------------|-------|---------|
| Wang, Nongyue | Cao County | | CN |
| Yu, Ruibiao | Cao County | | CN |
| Mao, Xiaohui | Cao County | | CN |
| Feng, Xiaogen | Cao County | | CN |
| Cheng, Qianwen | Cao County | | CN |

US-CL-CURRENT: 564/434

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 4. Document ID: US 20040086733 A1

L1: Entry 4 of 17

File: PGPB

May 6, 2004

PGPUB-DOCUMENT-NUMBER: 20040086733

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040086733 A1

TITLE: Polyester resin, molded product made thereof and process for production of polyester resin

PUBLICATION-DATE: May 6, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---------------------|---------------|-------|---------|
| Fujimori, Yoshihiro | Yokkaichi-shi | | JP |
| Fujioka, Kiyotoshi | Yokkaichi-shi | | JP |
| Nukui, Masahiro | Yokkaichi-shi | | JP |
| Yatsugi, Yutaka | Yokkaichi-shi | | JP |

| | | |
|-------------------|---------------|----|
| Nakamichi, Kazuya | Yokkaichi-shi | JP |
| Satou, Noboru | Yokkaichi-shi | JP |
| Kambe, Toshio | Yokkaichi-shi | JP |
| Niwa, Hirotsuga | Yokkaichi-shi | JP |

US-CL-CURRENT: 428/480

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KVMC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 5. Document ID: US 20030144459 A1

L1: Entry 5 of 17

File: PGPB

Jul 31, 2003

PGPUB-DOCUMENT-NUMBER: 20030144459
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030144459 A1

TITLE: Polyester resin, molded product made thereof and process for production of polyester resin

PUBLICATION-DATE: July 31, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---------------------|------|-------|---------|
| Fujimori, Yoshihiro | Mie | | JP |
| Fujioka, Kiyotoshi | Mie | | JP |
| Nukui, Masahiro | Mie | | JP |
| Yatsugi, Yutaka | Mie | | JP |
| Nakamichi, Kazuya | Mie | | JP |
| Satou, Noboru | Mie | | JP |
| Kambe, Toshio | Mie | | JP |
| Niwa, Hirotsugu | Mie | | JP |

US-CL-CURRENT: 528/275; 528/276, 528/277, 528/286

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KVMC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 6. Document ID: US 20010012883 A1

L1: Entry 6 of 17

File: PGPB

Aug 9, 2001

PGPUB-DOCUMENT-NUMBER: 20010012883
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010012883 A1

TITLE: Process for producing polyamide

PUBLICATION-DATE: August 9, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|------------------|-------------|-------|---------|
| Tanaka, Kazumi | Niigata-ken | | JP |
| Kurose, Hideyuki | Niigata-ken | | JP |

US-CL-CURRENT: 528/324; 528/329.1

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|

☐ 7. Document ID: US 7048995 B2

L1: Entry 7 of 17

File: USPT

May 23, 2006

US-PAT-NO: 7048995

DOCUMENT-IDENTIFIER: US 7048995 B2

TITLE: Polyester resin, molded product made thereof and process for production of polyester resin

DATE-ISSUED: May 23, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040086733 A1

May 6, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|------|-------|----------|---------|
| Fujimori, Yoshihiro | Mie | | | JP |
| Fujioka, Kiyotoshi | Mie | | | JP |
| Nukui, Masahiro | Mie | | | JP |
| Yatsugi, Yutaka | Mie | | | JP |
| Nakamichi, Kazuya | Mie | | | JP |
| Satou, Noboru | Mie | | | JP |
| Kambe, Toshio | Mie | | | JP |
| Niwa, Hirotsugu | Mie | | | JP |

US-CL-CURRENT: 428/221; 428/364, 524/706, 524/779, 524/783, 524/785, 525/437,
525/445, 528/275, 528/279, 528/280, 528/281, 528/283, 528/285, 528/286, 528/301,
528/308.6

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|

☐ 8. Document ID: US 6703474 B2

L1: Entry 8 of 17

File: USPT

Mar 9, 2004

US-PAT-NO: 6703474

DOCUMENT-IDENTIFIER: US 6703474 B2

TITLE: Polyester resin, molded product made thereof and process for production of polyester resin

DATE-ISSUED: March 9, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|------|-------|----------|---------|
| Fujimori; Yoshihiro | Mie | | | JP |
| Fujioka; Kiyotoshi | Mie | | | JP |
| Nukui; Masahiro | Mie | | | JP |
| Yatsugi; Yutaka | Mie | | | JP |
| Nakamichi; Kazuya | Mie | | | JP |
| Satou; Noboru | Mie | | | JP |

US-CL-CURRENT: 528/275; 428/221, 428/364, 524/706, 524/779, 524/783, 524/785,
525/437, 525/445, 528/279, 528/280, 528/281, 528/283, 528/285, 528/286, 528/301,
528/308.6

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|

☐ 9. Document ID: US 6489435 B2

L1: Entry 9 of 17

File: USPT

Dec 3, 2002

US-PAT-NO: 6489435

DOCUMENT-IDENTIFIER: US 6489435 B2

TITLE: Process for producing polyamide

DATE-ISSUED: December 3, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|---------|-------|----------|---------|
| Tanaka; Kazumi | Niigata | | | JP |
| Kurose; Hideyuki | Niigata | | | JP |

US-CL-CURRENT: 528/310; 528/312, 528/322, 528/332, 528/335, 528/336, 528/339,
528/340

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|

☐ 10. Document ID: US 6355737 B1

L1: Entry 10 of 17

File: USPT

Mar 12, 2002

US-PAT-NO: 6355737

DOCUMENT-IDENTIFIER: US 6355737 B1

**** See image for Certificate of Correction ****

TITLE: Method for producing polymer mixtures comprised of amino nitriles and thermoplastic polymers

DATE-ISSUED: March 12, 2002

INVENTOR - INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|--------------|-------|----------|---------|
| Mohrschladt; Ralf | Schwetzingen | | | DE |
| Weber; Martin | Maikammer | | | DE |
| Hildebrandt; Volker | Mannheim | | | DE |

US-CL-CURRENT: [525/420](#); [525/422](#), [525/432](#), [525/436](#), [525/63](#), [525/70](#), [525/71](#), [528/170](#), [528/310](#), [528/322](#), [528/332](#), [528/353](#)

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|

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|-------|---------------------|-------|----------|-----------|---------------|
| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |
|-------|---------------------|-------|----------|-----------|---------------|

| Term | Documents |
|--|-----------|
| POLYAMIDE | 200221 |
| POLYAMIDES | 92391 |
| CONTINUOUS | 1457089 |
| CONTINUOU | 54 |
| MULTISTAGE | 37471 |
| MULTISTAGES | 448 |
| REACTOR | 319698 |
| REACTORS | 80727 |
| VESSEL | 526285 |
| VESSELS | 192930 |
| APPARATUS | 3560193 |
| (POLYAMIDE AND CONTINUOUS NEAR3 PRODUC\$4 AND MULTISTAGE ADJ3 (REACTOR OR VESSEL OR APPARATUS)).PGPB,USPT,DWPI. | 17 |

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☐ 11. Document ID: US 6316588 B1

L1: Entry 11 of 17

File: USPT

Nov 13, 2001

US-PAT-NO: 6316588

DOCUMENT-IDENTIFIER: US 6316588 B1

**** See image for Certificate of Correction ****

TITLE: Continuous preparation of polyamides from aminonitriles

DATE-ISSUED: November 13, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|--------------|-------|----------|---------|
| Mohrschladt; Ralf | Schwetzingen | | | DE |
| Hildebrandt; Volker | Mannheim | | | DE |
| Fuchs; Eberhard | Frankenthal | | | DE |

US-CL-CURRENT: 528/310

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 12. Document ID: US 6201096 B1

L1: Entry 12 of 17

File: USPT

Mar 13, 2001

US-PAT-NO: 6201096

DOCUMENT-IDENTIFIER: US 6201096 B1

TITLE: Continuous polymerization process for preparing polyamides from omega-aminonitriles

DATE-ISSUED: March 13, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------------|----------|-------|----------|---------|
| Marchildon; Ernest Keith | Kingston | | | CA |
| Mutel; Ahmut Turgut | Kingston | | | CA |

US-CL-CURRENT: 528/310; 528/322, 528/323, 528/328, 528/332, 528/336, 528/362, 528/363

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 13. Document ID: US 5928674 A

L1: Entry 13 of 17

File: USPT

Jul 27, 1999

US-PAT-NO: 5928674

DOCUMENT-IDENTIFIER: US 5928674 A

TITLE: Apparatus for the continuous process for expanding thermoplastic minipellets

DATE-ISSUED: July 27, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|--------------|-------|----------|---------|
| Hall, III; Thomas N. | Hackettstown | NJ | 07840 | |
| Trivedi; Yogesh C. | Grosse Ile | MI | 48138 | |

US-CL-CURRENT: 425/4C; 425/817C

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 14. Document ID: US 5753157 A

L1: Entry 14 of 17

File: USPT

May 19, 1998

US-PAT-NO: 5753157

DOCUMENT-IDENTIFIER: US 5753157 A

TITLE: Continuous process for expanding thermoplastic minipellets

DATE-ISSUED: May 19, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|-------------|-------|----------|---------|
| Hall, III; Thomas N. | Mount Olive | NJ | | |
| Trivedi; Yogesh C. | Grosse Ile | MI | | |

US-CL-CURRENT: 264/53; 521/56, 521/60

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 15. Document ID: US 5580503 A

L1: Entry 15 of 17

File: USPT

Dec 3, 1996

US-PAT-NO: 5580503

DOCUMENT-IDENTIFIER: US 5580503 A

TITLE: Continuous process for expanding thermoplastic minipellets

DATE-ISSUED: December 3, 1996

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|-------------|-------|----------|---------|
| Hall, III; Thomas N. | Mount Olive | NJ | | |
| Trivedi; Yogesh C. | Grosse Ile | MI | | |

US-CL-CURRENT: 264/53; 521/56, 521/60

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 16. Document ID: US 4031851 A

L1: Entry 16 of 17

File: USPT

Jun 28, 1977

US-PAT-NO: 4031851

DOCUMENT-IDENTIFIER: US 4031851 A

TITLE: Apparatus for producing improved high strength filaments

DATE-ISSUED: June 28, 1977

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|-------|-------|----------|---------|
| Camahort; Jose L. | Acton | MA | 01720 | |

US-CL-CURRENT: 118/718; 118/724, 118/725, 118/733, 277/431, 427/251

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 17. Document ID: DE 19923439 A1

L1: Entry 17 of 17

File: DWPI

Nov 23, 2000

DERWENT-ACC-NO: 2001-103960

DERWENT-WEEK: 200112

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TITLE: Multistage apparatus for evaporating water from a mixture with caprolactam without a vacuum comprises a sump, heater, packing, cooler and conical cover

INVENTOR: FABIG, B

PRIORITY-DATA: 1999DE-1023439 (May 21, 1999)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|-----------------------|-------------------|----------|-------|------------|
| <u>DE 19923439 A1</u> | November 23, 2000 | | 004 | B01D003/38 |

INT-CL (IPC): [B01 D 3/38](#); [C07 D 201/16](#); [C07 D 223/10](#)

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|

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| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |
|-------|---------------------|-------|----------|-----------|---------------|

| Term | Documents |
|---|-----------|
| POLYAMIDE | 200221 |
| POLYAMIDES | 92391 |
| CONTINUOUS | 1457089 |
| CONTINUOU | 54 |
| MULTISTAGE | 37471 |
| MULTISTAGES | 448 |
| REACTOR | 319698 |
| REACTORS | 80727 |
| VESSEL | 526285 |
| VESSELS | 192930 |
| (POLYAMIDE AND CONTINUOUS NEAR3 PRODUCE\$4 AND MULTISTAGE ADJ3 (REACTOR OR VESSEL OR APPARATUS)).PGPB,USPT,DWPI. | 17 |

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Search Results - Record(s) 11 through 17 of 17 returned.

☐ 11. Document ID: US 6316588 B1

L1: Entry 11 of 17

File: USPT

Nov 13, 2001

US-PAT-NO: 6316588

DOCUMENT-IDENTIFIER: US 6316588 B1

** See image for Certificate of Correction **TITLE: Continuous preparation of polyamides from aminonitriles

DATE-ISSUED: November 13, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|--------------|-------|----------|---------|
| Mohrschladt; Ralf | Schwetzingen | | | DE |
| Hildebrandt; Volker | Mannheim | | | DE |
| Fuchs; Eberhard | Frankenthal | | | DE |

US-CL-CURRENT: 528/310

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 12. Document ID: US 6201096 B1

L1: Entry 12 of 17

File: USPT

Mar 13, 2001

US-PAT-NO: 6201096

DOCUMENT-IDENTIFIER: US 6201096 B1

TITLE: Continuous polymerization process for preparing polyamides from omega-aminonitriles

DATE-ISSUED: March 13, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------------|----------|-------|----------|---------|
| Marchildon; Ernest Keith | Kingston | | | CA |
| Mutel; Ahmut Turgut | Kingston | | | CA |

US-CL-CURRENT: 528/310; 528/322, 528/323, 528/328, 528/332, 528/336, 528/362, 528/363

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Drawings |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 13. Document ID: US 5928674 A

L1: Entry 13 of 17

File: USPT

Jul 27, 1999

US-PAT-NO: 5928674

DOCUMENT-IDENTIFIER: US 5928674 A

TITLE: Apparatus for the continuous process for expanding thermoplastic minipellets

DATE-ISSUED: July 27, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|--------------|-------|----------|---------|
| Hall, III; Thomas N. | Hackettstown | NJ | 07840 | |
| Trivedi; Yogesh C. | Grosse Ile | MI | 48138 | |

US-CL-CURRENT: 425/4C; 425/817C

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Drawings |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 14. Document ID: US 5753157 A

L1: Entry 14 of 17

File: USPT

May 19, 1998

US-PAT-NO: 5753157

DOCUMENT-IDENTIFIER: US 5753157 A

TITLE: Continuous process for expanding thermoplastic minipellets

DATE-ISSUED: May 19, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|-------------|-------|----------|---------|
| Hall, III; Thomas N. | Mount Olive | NJ | | |
| Trivedi; Yogesh C. | Grosse Ile | MI | | |

US-CL-CURRENT: 264/53; 521/56, 521/60

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Drawings |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 15. Document ID: US 5580503 A

L1: Entry 15 of 17

File: USPT

Dec 3, 1996

US-PAT-NO: 5580503

DOCUMENT-IDENTIFIER: US 5580503 A

TITLE: Continuous process for expanding thermoplastic minipellets

DATE-ISSUED: December 3, 1996

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|-------------|-------|----------|---------|
| Hall, III; Thomas N. | Mount Olive | NJ | | |
| Trivedi; Yogesh C. | Grosse Ile | MI | | |

US-CL-CURRENT: 264/53; 521/56, 521/60

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 16. Document ID: US 4031851 A

L1: Entry 16 of 17

File: USPT

Jun 28, 1977

US-PAT-NO: 4031851

DOCUMENT-IDENTIFIER: US 4031851 A

TITLE: Apparatus for producing improved high strength filaments

DATE-ISSUED: June 28, 1977

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|-------|-------|----------|---------|
| Camahort; Jose L. | Acton | MA | 01720 | |

US-CL-CURRENT: 118/718; 118/724, 118/725, 118/733, 277/431, 427/251

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D. |
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☐ 17. Document ID: DE 19923439 A1

L1: Entry 17 of 17

File: DWPI

Nov 23, 2000

DERWENT-ACC-NO: 2001-103960

DERWENT-WEEK: 200112

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TITLE: Multistage apparatus for evaporating water from a mixture with caprolactam without a vacuum comprises a sump, heater, packing, cooler and conical cover

INVENTOR: FABIG, B

PRIORITY-DATA: 1999DE-1023439 (May 21, 1999)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|-----------------------|-------------------|----------|-------|------------|
| <u>DE 19923439 A1</u> | November 23, 2000 | | 004 | B01D003/38 |

INT-CL (IPC): [B01 D 3/38](#); [C07 D 201/16](#); [C07 D 223/10](#)

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw. D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|----------|

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| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |
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| Term | Documents |
|---|-----------|
| POLYAMIDE | 200221 |
| POLYAMIDES | 92391 |
| CONTINUOUS | 1457089 |
| CONTINUOU | 54 |
| MULTISTAGE | 37471 |
| MULTISTAGES | 448 |
| REACTOR | 319698 |
| REACTORS | 80727 |
| VESSEL | 526285 |
| VESSELS | 192930 |
| (POLYAMIDE AND CONTINUOUS NEAR3 PRODUCE\$4 AND MULTISTAGE ADJ3 (REACTOR OR VESSEL OR APPARATUS)).PGPB,USPT,DWPI. | 17 |

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L1: Entry 17 of 17

File: DWPI

Nov 23, 2000

DERWENT-ACC-NO: 2001-103960

DERWENT-WEEK: 200112

COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Multistage apparatus for evaporating water from a mixture with caprolactam without a vacuum comprises a sump, heater, packing, cooler and conical cover

INVENTOR: FABIG, B

PATENT-ASSIGNEE: LAUSITZER TEPPICHFASERWERK GMBH (LAUSN)

PRIORITY-DATA: 1999DE-1023439 (May 21, 1999)

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PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---|-------------------|----------|-------|------------|
| <input type="checkbox"/> DE 19923439 A1 | November 23, 2000 | | 004 | B01D003/38 |

APPLICATION-DATA:

| PUB-NO | APPL-DATE | APPL-NO | DESCRIPTOR |
|---------------|--------------|----------------|------------|
| DE 19923439A1 | May 21, 1999 | 1999DE-1023439 | |

INT-CL (IPC): [B01 D 3/38](#); [C07 D 201/16](#); [C07 D 223/10](#)

ABSTRACTED-PUB-NO: DE 19923439A

BASIC-ABSTRACT:

NOVELTY - Apparatus for evaporating water without the need for a vacuum from a mixture with epsilon -caprolactam comprises a multistage vessel consisting of a sump (5), a heater (4), a packing (3), a cooler (2) and a conical cover (1).

USE - In the continuous production of polyamides.

ADVANTAGE - The high energy costs associated with the use of a vacuum are avoided, as are also the problems of foaming and the need for further purification steps.

DESCRIPTION OF DRAWING(S) - The drawing shows the five-part vessel with

conical cover 1

cooler 2

packing, eg of Raschig rings 3

heater section 4

double mantle heated sump 5

outlet for evaporated material 6

N2 inlet 7

monitoring probe 8

coolant inlet 9

coolant outlet 10

product outlet 11

outer heating coil inlet 12

inner heating coil inlet 13

heating medium inlet 14

condensate outlet 15

inner heating coil outlet 17

monitoring probe 21

reflux plate 22

ABSTRACTED-PUB-NO: DE 19923439A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/1

DERWENT-CLASS: A41 E13
CPI-CODES: A05-F03; A10-D03; A10-D04; E07-D06;

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